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Invention Title: Detachable Concealment Device

The following statement is a full description of this invention, including the best method of performing it known to me/us:

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I certify that the following 7 pages are a true and correct copy of the original specification in respect of an invention entitled:

DETACHABLE CONCEALMENT DEVICE

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By Philip Young
PATENT ATTORNEY

DETACHABLE CONCEALMENT DEVICE

This invention relates to the interior of buildings and, in particular, to an improved concealment device used to conceal items behind sections of walls, floors, or ceilings, the 5 concealment device being detachable in order that it can be removed and replaced according to requirements. The invention particularly relates to detachable cornices between ceilings and walls.

BACKGROUND OF THE INVENTION

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The present practice in interior design of buildings includes the use of concealment devices between walls, ceilings and floors and elsewhere. In general such concealment devices are finished such that to remove the concealment device, the concealed device is damaged and is needed to be replaced. This is particularly the case where tradespeople, handypersons or 15 the general public need to locate the layout of concealed articles such as wall studs, electrical wiring, plumbing joints, take off points etc. The damage and replacement of the concealment devices can be a time consuming and relatively expensive exercise when the task to be undertaken in locating and replacing or maintaining the concealed article should be relatively simple.

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In the case where the concealment device is a cornice which is used between the ceilings and walls of a building, the cornice is not specifically used to conceal wiring or plumbing but tends to be a joining device for aesthetic reasons. However, it is often the case that the cornice has to be damaged and replaced when chasing wiring, plumbing or the like in a wall.

25 The difficulties in replacing a section of the cornice in any circumstance is such that expert tradespeople or handypersons are required. It is also noted that if the concealment device could be easily removed and re-installed, by the general public, that the concealment device, such as the cornice, can be used to conceal markings which can be used to indicate the location of wall studs, electrical wiring, plumbing joints, take off points etc. Such 30 markings would be advantageous in the maintenance or replacement of such items and where access is required to these concealed areas.

OBJECT OF THE INVENTION

It is an object of the present invention to provide an improved concealment device which substantially overcomes or ameliorates the above mentioned disadvantages. At the very 5 least, the invention provides an alternative to presently known concealment devices.

DISCLOSURE OF THE INVENTION

According to the present invention, there is provided a concealment device to be used to 10 conceal a corner join between two adjacent surfaces of a building, said device including at least one elongate base fixable to one of the adjacent surfaces substantially adjacent the corner join, and at least one elongate cover plate able to be attached to said elongate base such that the corner join is concealed.

15 Preferably, the device includes two base plates fixable to the two adjacent surfaces of the building respectively, the two base plates being fixable substantially adjacent the corner join, whereby the elongate cover plate is attached to both of the two base plates.

In another preferred form, the one elongate base includes an angle base with two flange 20 elements which are fixable substantially adjacent the corner join. Preferably, the flange elements have openings therein.

In a preferred form, joining sections are provided for internal and external corners and through joints.

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Preferably, the base plates are fixed to the adjacent surfaces by means of screw, nails, adhesive and the like.

30 Preferably, the cover plates are attached by means of clips, magnets, complementary hook and pile patches, adhesives and the like.

Preferably, where the cover plates are attached by means of clips, the clips are arranged such that the base plates include outstanding flanges to which complementary flanges on

the cover plate interact. Preferably the flanges on the base plates and the cover plate are resilient.

Preferably, the device is used as a cornice between the walls and ceilings.

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BRIEF DESCRIPTION OF THE DRAWINGS

An embodiment of the present invention will now be described with reference to the drawings in which:

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Fig. 1 is a schematic cross-sectional view of the concealment device of a preferred embodiment showing the device as fitted between a ceiling and a wall and in an exploded view; and

15 Fig. 2 is a partial side view of the concealment device of Fig. 1 showing a joiner section.

BEST MODE OF CARRYING OUT THE INVENTION

A preferred embodiment of the concealment device 10 of the present invention is 20 illustrated in the drawings.

The concealment device 10 is preferably shown fixed to adjacent surfaces of a ceiling 11 and wall 12 to cover the corner join 13 as a so called cornice device.

25 The device 10 includes two elongate base plates 14 each fixed to the ceiling 11 and wall 12 respectively relatively adjacent the corner join 13. The base plates are preferably fixed by means of means of screw, nails, adhesive and the like. The base plates 14 each have an outstanding flange 15 extending away from the wall. In this preferred embodiment, the flanges 15 extending at an acute angle towards the ceiling 11 or wall 12 respectively.

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The device 10 further includes an elongate cover plate 16 which is attachable to the base plates 14 to conceal or cover the corner join 13. The cover plate 16 in this embodiment is flat with a pair of inwardly facing flanges 17 extending adjacent the side edges,

the flanges 17 being adapted to interact with the flanges 16 of the base plates 14 in a clip on fashion, the flanges 16 and 17 being preferably resilient.

In other preferred embodiments, the cover plate 16 can be attached to the base plates 14 by 5 means of magnets, complementary hook and pile patches such as velcro® patches, adhesives and the like, whereby the flanges 17 are or are not required to be included on the cover plate 16.

As the base plates 14 and the cover plates 16 are elongate, and as such extend over relative 10 long spans, joining sections 18 are used to cover the joins, whether the joins are at the corners of adjacent walls 13 or between the corners. The joining sections 18 accept the ends of the cover plates 18 by simply pushing the ends therein.

The cover plate 16 in the preferred embodiment is flat, however, any desired shape can be 15 used with the flanges 16 and 17 extending such that they are adapted to join together in the desired shape. Furthermore, the base plate 14 can take the form of adjoining flanges with openings therein.

The foregoing describes only some embodiments of the present invention, and 20 modifications obvious to those skilled in the art can be made thereto without departing from the scope of the present invention.

For example, the concealment device can be used on any exterior surfaces of the building.

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CLAIMS

1. A concealment device to be used to conceal a corner join between two adjacent surfaces of a building, said device including at least one elongate base fixable to one of the adjacent surfaces substantially adjacent the corner join, and at least one elongate cover plate able to be attached to said elongate base such that the corner join is concealed.
2. A concealment device according to claim 1, wherein the device includes two base plates fixable to the two adjacent surfaces of the building respectively, the two base plates being fixable substantially adjacent the corner join, whereby the elongate cover plate is attached to both of the two base plates.
3. A concealment device according to claim 1, wherein the one elongate base includes an angle base with two flange elements which are fixable substantially adjacent the corner join.
4. A concealment device according to claim 3, wherein the flange elements have openings therin.
- 20 5. A concealment device according to any one of claims 1 to 3, wherein joining sections are provided for internal and external corners and through joints.
6. A concealment device according to any one of the preceding claims, wherein the base plates are fixed to the adjacent surfaces by means of screw, nails, adhesive and the like.
- 25 7. A concealment device according to any one of the preceding claims, wherein the cover plates are attached by means of clips, magnets, complementary hook and pile patches, adhesives and the like.
- 30 8. A concealment device according to claim 7, wherein where the cover plates are attached by means of clips, the clips are arranged such that the base plates include outstanding flanges to which complementary flanges on the cover plate interact.

9. A concealment device according to claim 8, wherein the flanges on the base plates and the cover plate are resilient.
- 5 10. A concealment device according to any one of the preceding claims, wherein the device is used as a cornice between the walls and ceilings.
11. A concealment device substantially as described with reference to the accompanying drawings.

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Dated this 17th day of October 2002

John Anthony Gartland

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ABSTRACT

A concealment device (10) is used to conceal a corner join between two adjacent surfaces of a building. The device (10) includes at least one elongate base (14) fixable to one of the 5 adjacent surfaces substantially adjacent the corner join, and at least one elongate cover plate (16) able to be attached to the elongate base (14) such that the corner join is concealed.

Fig. 1

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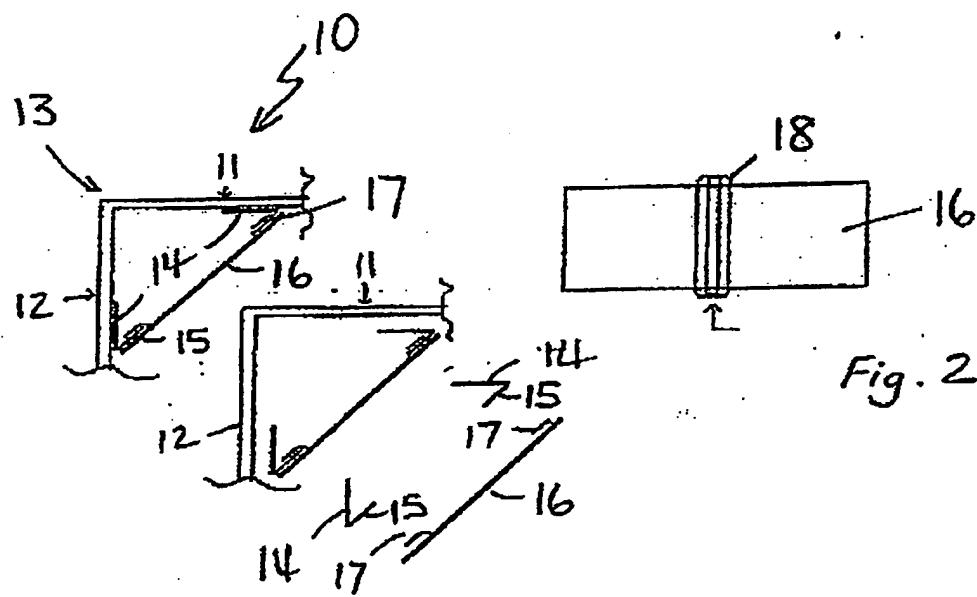


Fig. 2

Fig. 1

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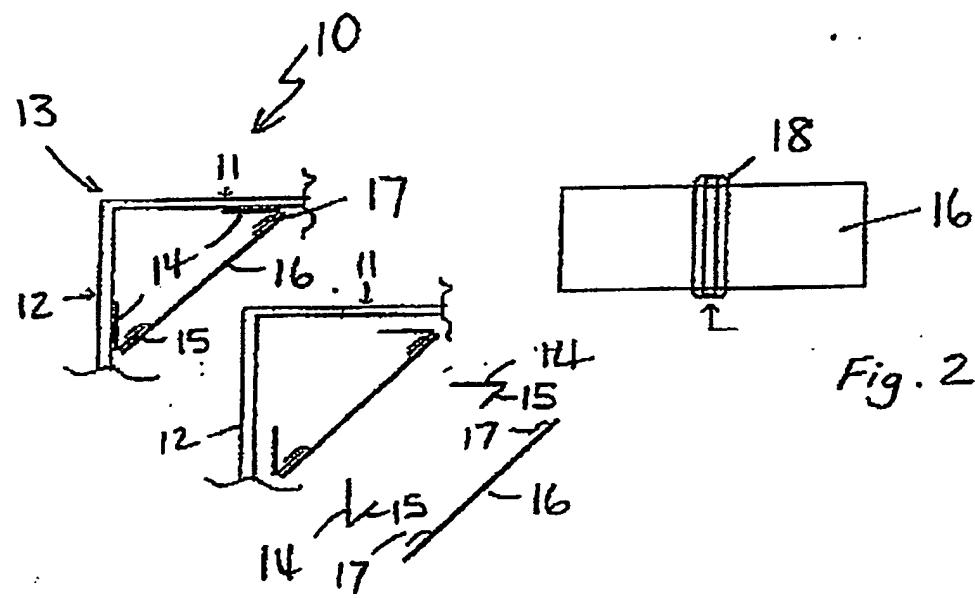


Fig. 1